

8	7	6	5	4	3	2	1
ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION				
1	X	D4464-041	FUEL TANK ASSEMBLY				
2	2	D3997-5	PLACARD "AUX FUEL DRAIN"				
3	1	D3997-11	PLACARD "LOADING"				
4	1	D3997-17	PLACARD "STOWAGE"				
5	1	D3997-29	PLACARD "WARNING"				
6	1	D3997-43	PLACARD "EARTH"				
7	1	D3999-7	CORNER				
8	1	D3999-9	ANGLE				
9	1	D3999-11	EARTH TAB				
10	1	D4000-1	FUEL SUPPLY FITTING				
11	1	D4000-5	FUEL TANK VENT FITTING				
12	3	D4000-9	GROMMET				
13	1	D4000-045	FUEL PICK UP AND STRAINER ASSEMBLY				
14	1	D4008-11	TANK HINGE HALF				
15	1	D4008-041	FUEL FILLER SPLASH GUARD ASSEMBLY				
16	1	D4023-3	FUEL CAP				
17	1	D4025-5	FUEL SENDER				
18	3	D4057-1	RETAINING RING				
19	1	D4062-041	TANK SUPPORT ASSEMBLY				
20	4	D4124-1	TAB				
21	1	D4125-1	FWD SEDIMENT BOWL				
22	1	D4125-3	AFT SEDIMENT BOWL				
23	1	D4404-3	CUSHION, SIDE				
24	4	D4404-5	CUSHION, FWD				
25	1	D4462-1	BAFFLE				
26	1	D4462-3	BAFFLE				
27	1	D4463-041	TOP TANK ASSEMBLY				
28	1	D4463-3	TANK AFT END				
29	1	D4463-5	TANK UPPER CUT OUT				
30	1	D4463-7	TANK FORWARD END				
31	1	D4463-9	TANK BACK				
32	1	D4463-11	TANK FRONT				
33	1	D4577-041	FWD ACCESS PANEL ASSEMBLY				
34	1	D4577-1	REAR ACCESS PANEL				
35	1	D4577-3	MIDDLE ACCESS PANEL				
36	1	D4595-150-AR	SEALANT TAPE				
37	5	AN3H5A	BOLT				
38	4	MS21042L3	NUT				
39	24	MS24693S272	SCREW				
40	4	MS35207-266	SCREW				
41	13	NAS1149D0363J	WASHER				

Superceded

RELEASED

11 2012 -03- 02

MP

B	UPDATED -041 WITH RE-DESIGNED PARTS. REMOVED D4463-13. ADDED D4577-041/-1/-5 ACCESS PANELS, ZN C6-2.	DC	11.12.14
A	NEW ISSUE. REF PAR11-117 & CAR 11-54.	DC	11.10.19
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DC	D4464	SHEET 1 OF 5
APPROVED	DC	TITLE	SCALE
DE APPR.	DC	TANK ASSEMBLY	NTS
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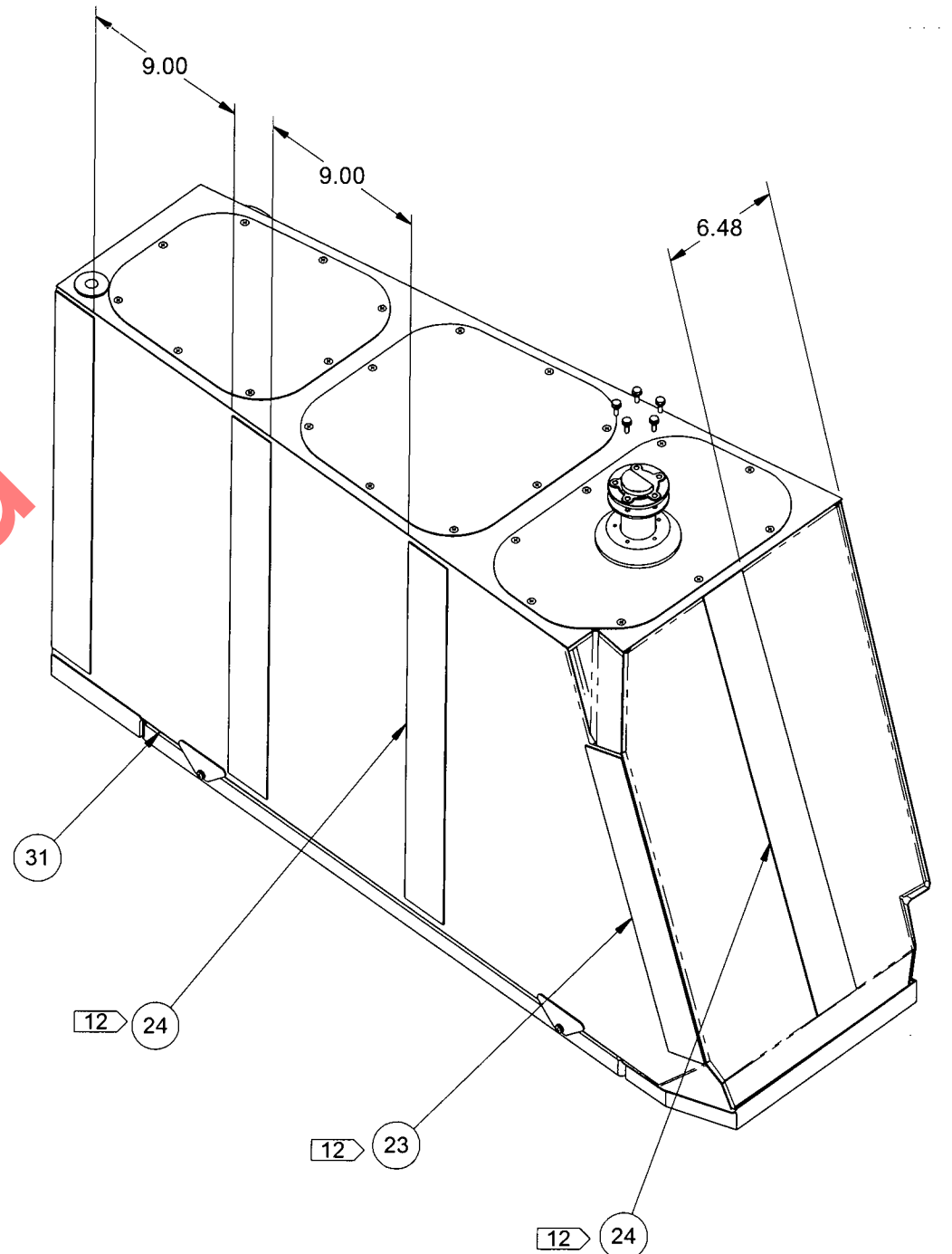
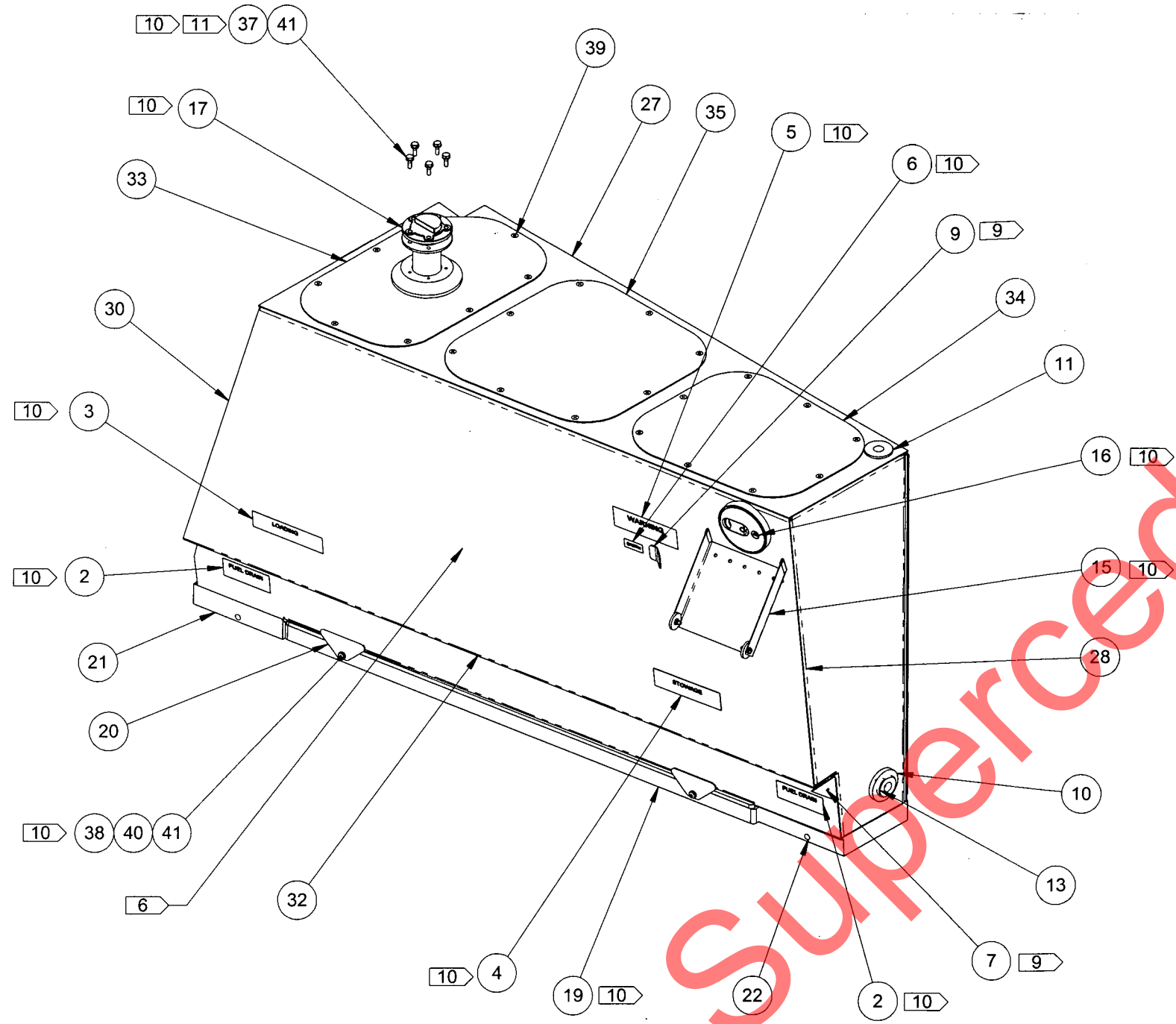
8 7 6 5 4 3 2 1

D

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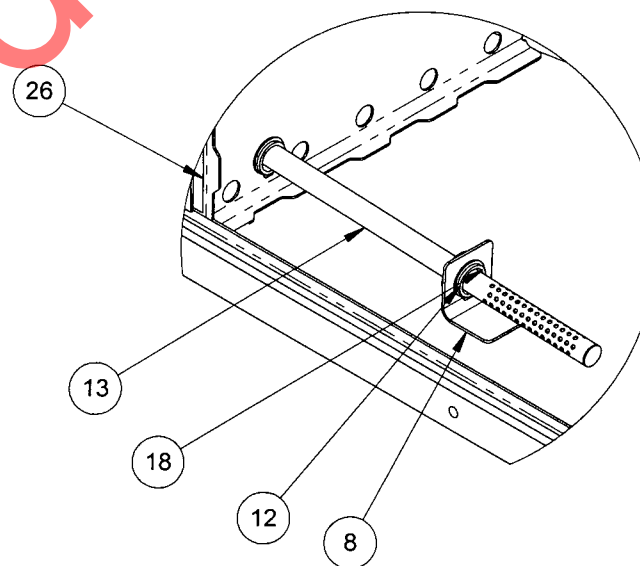
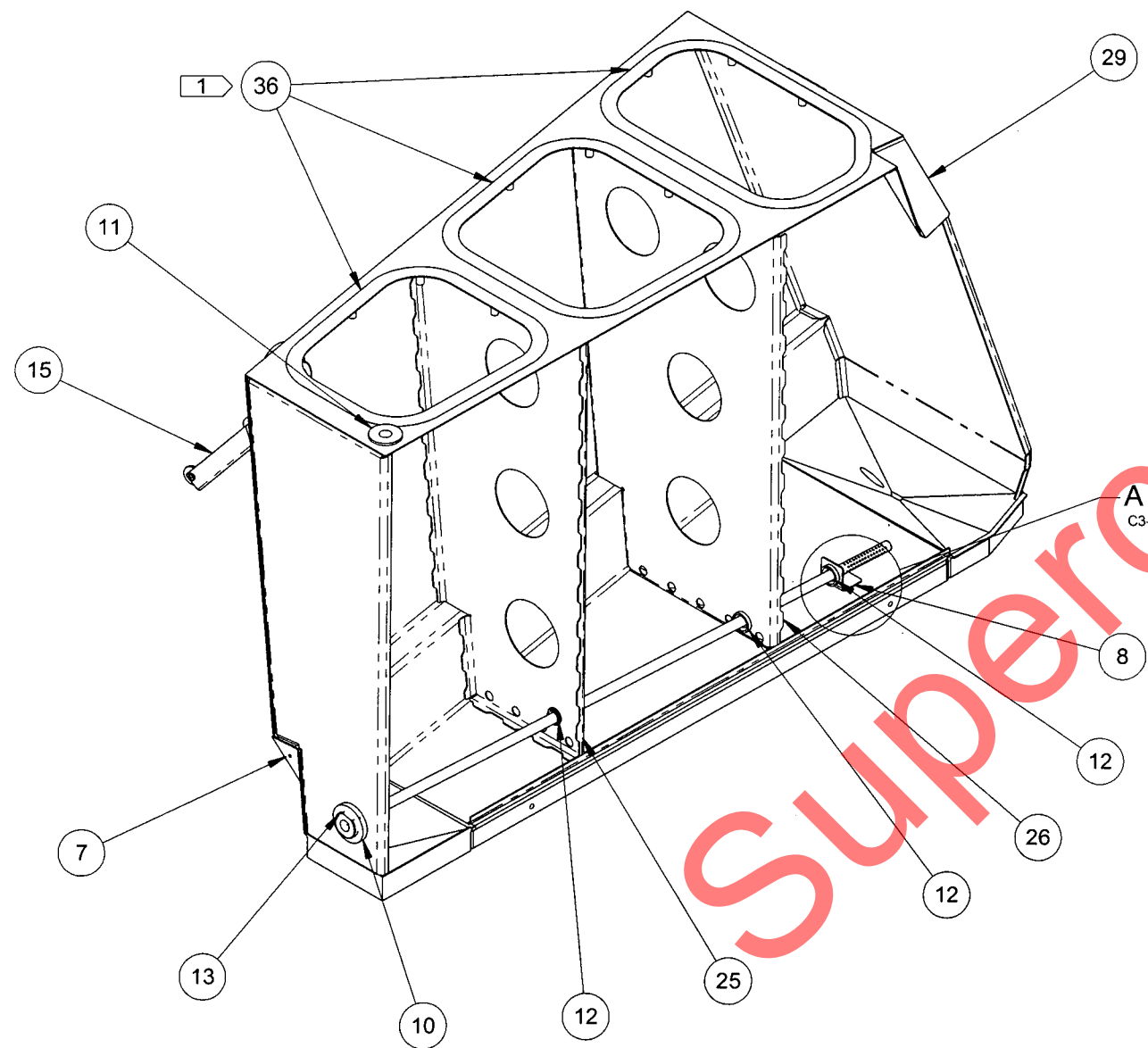
D4464-041 FUEL TANK ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: TOUCH UP. CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "ANSI 61 GREY" (4.3.5.15) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-1 RED DECAL
 - 7) WEIGHT: 33.97 lbs
 - 8) CAP ALL TANK ACCESS POINTS AND PRESSURE TEST TANK PER QSI 038 4.3. VERIFY NO LEAKS
 - 9) MASK PRIOR TO POWDER COAT
 - 10) INSTALL AFTER POWDER COAT
 - 11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
 - 12) INSTALL CUSHIONS AFTER POWDER COAT USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED

RELEASED
2012-03-02
WMD

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	JS	DRAWING NO.	REV. B
MFG. APPR.	EE	D4464	SHEET 2 OF 5
APPROVED	WMD	TITLE	SCALE
DE APPR.	WMD	TANK ASSEMBLY	NTS
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8 7 6 5 4 3 2 1



DETAIL A
ROTATED FOR CLARITY
SCALE 2X

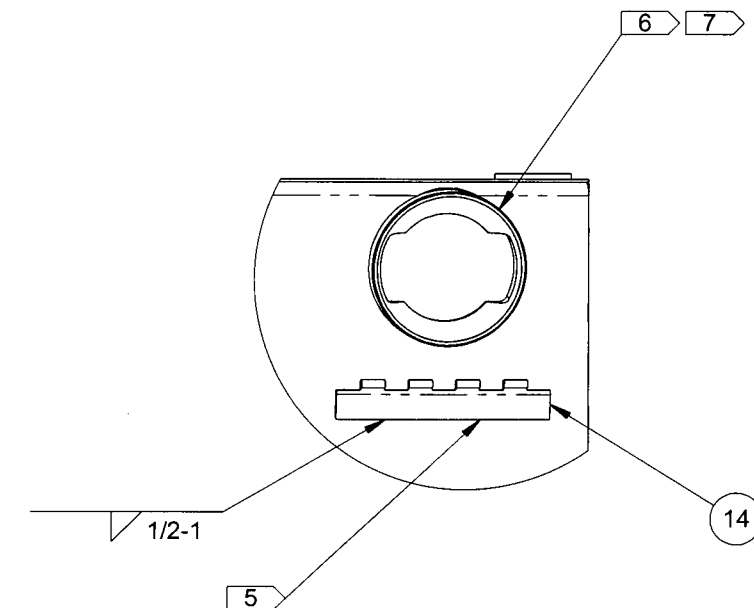
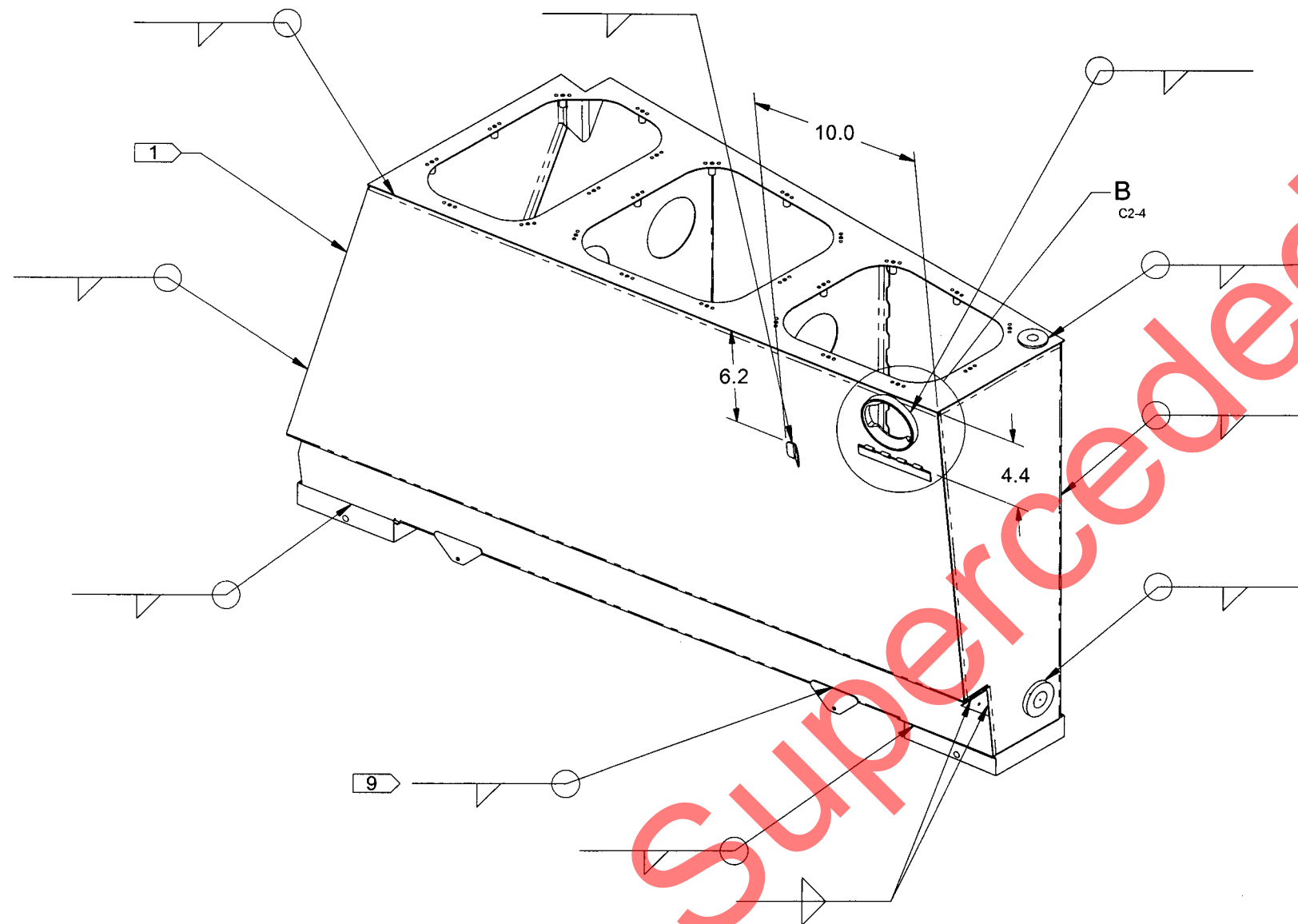
B6-3

D4464-041 FUEL TANK ASSEMBLY
D4463-9 TANK BACK REMOVED
TO SHOW INTERIOR DETAIL

NOTES:
1) TRIM TO FIT

RELEASED
2012-03-02
MP

DESIGN	<i>BC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>BC</i>		
CHECKED	<i>BC</i>	DRAWING NO. D4464	REV. B
MFG. APPR.	<i>BC</i>	SHEET 3 OF 5	
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	TANK ASSEMBLY	NTS
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DETAIL B
ROTATED FOR CLARITY
SCALE 2X

C2-4

D4464-041 FUEL TANK ASSEMBLY
WELDING DETAIL

NOTES:

- 1) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY
- 2) FINAL CHECK BEFORE LAST PANEL INSTALLED
 - END OF FUEL PICK UP TUBE IS 0.60 OFF THE TANK FLOOR AND 1.96 FROM SIDE WALL
 - ALL SWarf REMOVED
- 3) ACCEPTABLE TO DRILL 6 (TYP) $\phi 0.312$ HOLES IN TANK TOP TO WELD TOP TO AFT BAFFLE (1 HOLE PER BAFFLE TAB)
- 4) ACCEPTABLE TO DRILL 7 (TYP) $\phi 0.312$ HOLES IN TANK TOP TO WELD TOP TO FWD BAFFLE (1 HOLE PER BAFFLE TAB)
- 5) CENTER HINGE BELOW FUEL CAP FLANGE
- 6) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL
- 7) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK
- 8) WELD PER DART QSI 004
- 9) USE THE D4062-041 TANK SUPPORT ASSEMBLY TO POSITION THE D4124-1 TABS BEFORE WELDING

DESIGN	<i>JS</i>	DART AEROSPACE LTD	
DRAWN	<i>BC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>JS</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>JS</i>	D4464	SHEET 4 OF 5
APPROVED	<i>MA</i>	TITLE	SCALE
DE APPR.	<i>MA</i>	TANK ASSEMBLY	NTS
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2012-03-02
MA

D

C

B

A

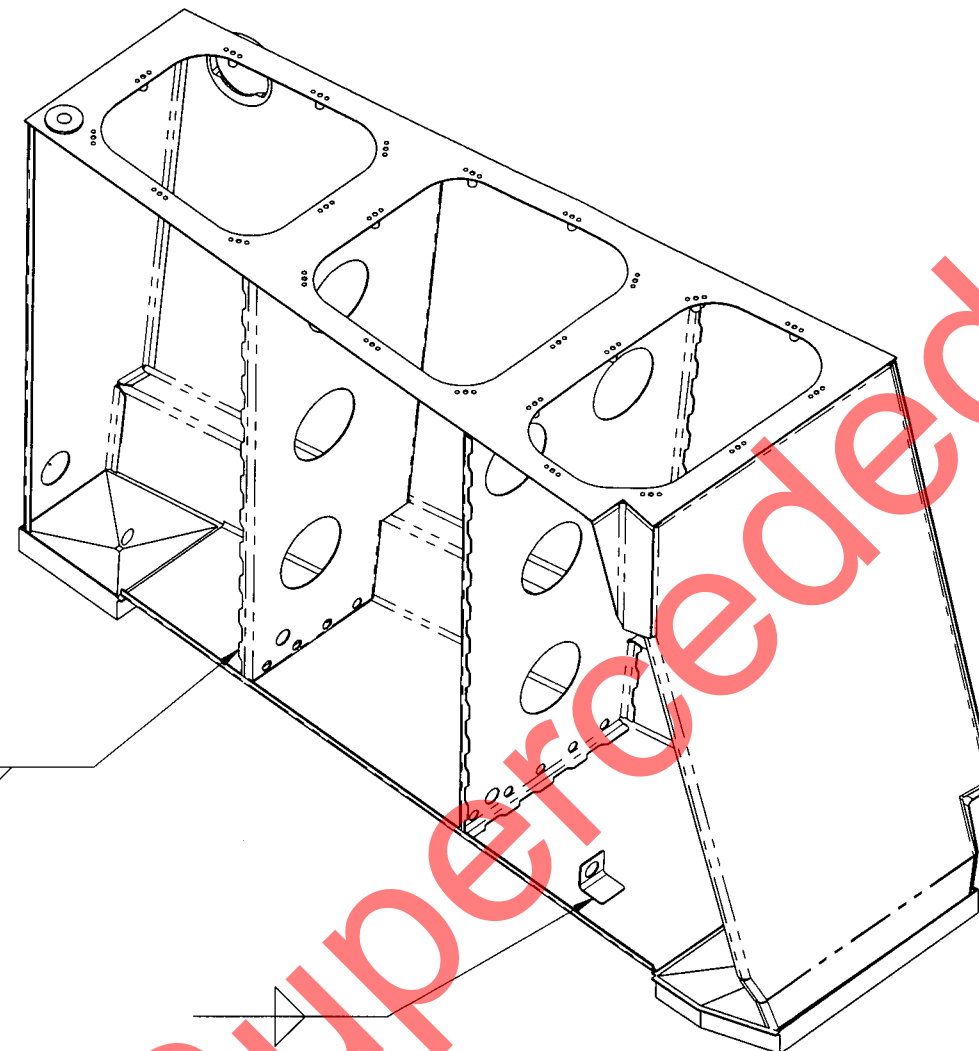
D

C

B

A

WELD ALL TABS



D4464-041 FUEL TANK ASSEMBLY
WELDING DETAIL

212282
2012-03-02
AW

DESIGN	<i>BC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>BC</i>		
CHECKED	<i>BC</i>	DRAWING NO. D4464	REV. B
MFG. APPR.	<i>BC</i>		SHEET 5 OF 5
APPROVED	<i>AW</i>	TITLE	SCALE
DE APPR.	<i>AW</i>	TANK ASSEMBLY	NTS
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